

# Hao Song

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

13,474  
citations

186265

28  
h-index

223800

46  
g-index

48  
all docs

48  
docs citations

48  
times ranked

26556  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic characterisation and epidemiology of 2019 novel coronavirus: implications for virus origins and receptor binding. <i>Lancet, The</i> , 2020, 395, 565-574.	13.7	9,430
2	A Novel Bat Coronavirus Closely Related to SARS-CoV-2 Contains Natural Insertions at the S1/S2 Cleavage Site of the Spike Protein. <i>Current Biology</i> , 2020, 30, 2196-2203.e3.	3.9	480
3	Structures of the Zika Virus Envelope Protein and Its Complex with a Flavivirus Broadly Protective Antibody. <i>Cell Host and Microbe</i> , 2016, 19, 696-704.	11.0	426
4	Both Boceprevir and GC376 efficaciously inhibit SARS-CoV-2 by targeting its main protease. <i>Nature Communications</i> , 2020, 11, 4417.	12.8	394
5	Identification of novel bat coronaviruses sheds light on the evolutionary origins of SARS-CoV-2 and related viruses. <i>Cell</i> , 2021, 184, 4380-4391.e14.	28.9	261
6	Structures and Receptor Binding of Hemagglutinins from Human-Infecting H7N9 Influenza Viruses. <i>Science</i> , 2013, 342, 243-247.	12.6	237
7	Structures of the SARS-CoV-2 nucleocapsid and their perspectives for drug design. <i>EMBO Journal</i> , 2020, 39, e105938.	7.8	198
8	An unexpected N-terminal loop in PD-1 dominates binding by nivolumab. <i>Nature Communications</i> , 2017, 8, 14369.	12.8	192
9	Zika virus NS1 structure reveals diversity of electrostatic surfaces among flaviviruses. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 456-458.	8.2	165
10	Broad host range of SARS-CoV-2 and the molecular basis for SARS-CoV-2 binding to cat ACE2. <i>Cell Discovery</i> , 2020, 6, 68.	6.7	132
11	Contribution of intertwined loop to membrane association revealed by Zika virus full-length NS1 structure. <i>EMBO Journal</i> , 2016, 35, 2170-2178.	7.8	126
12	Structural basis of anti-PD-L1 monoclonal antibody avelumab for tumor therapy. <i>Cell Research</i> , 2017, 27, 151-153.	12.0	116
13	Cryo-EM Structure of the African Swine Fever Virus. <i>Cell Host and Microbe</i> , 2019, 26, 836-843.e3.	11.0	113
14	The crystal structure of Zika virus NS5 reveals conserved drug targets. <i>EMBO Journal</i> , 2017, 36, 919-933.	7.8	107
15	Crystal Structure of the Capsid Protein from Zika Virus. <i>Journal of Molecular Biology</i> , 2018, 430, 948-962.	4.2	98
16	An Open Receptor-Binding Cavity of Hemagglutinin-Esterase-Fusion Glycoprotein from Newly-Identified Influenza D Virus: Basis for Its Broad Cell Tropism. <i>PLoS Pathogens</i> , 2016, 12, e1005411.	4.7	92
17	Molecular Basis of Arthritogenic Alphavirus Receptor MXRA8 Binding to Chikungunya Virus Envelope Protein. <i>Cell</i> , 2019, 177, 1714-1724.e12.	28.9	75
18	Human Neonatal Fc Receptor Is the Cellular Uncoating Receptor for Enterovirus B. <i>Cell</i> , 2019, 177, 1553-1565.e16.	28.9	69

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19	Microarray analysis of MicroRNA expression in peripheral blood mononuclear cells of critically ill patients with influenza A (H1N1). <i>BMC Infectious Diseases</i> , 2013, 13, 257.	2.9	66
20	A broadly protective antibody that targets the flavivirus NS1 protein. <i>Science</i> , 2021, 371, 190-194.	12.6	66
21	Structural insight into RNA synthesis by influenza D polymerase. <i>Nature Microbiology</i> , 2019, 4, 1750-1759.	13.3	58
22	Avian-to-Human Receptor-Binding Adaptation by Influenza A Virus Hemagglutinin H4. <i>Cell Reports</i> , 2017, 20, 1201-1214.	6.4	57
23	Disrupting LILRB4/APOE Interaction by an Efficacious Humanized Antibody Reverses T-cell Suppression and Blocks AML Development. <i>Cancer Immunology Research</i> , 2019, 7, 1244-1257.	3.4	51
24	Crystal clear: visualizing the intervention mechanism of the PD-1/PD-L1 interaction by two cancer therapeutic monoclonal antibodies. <i>Protein and Cell</i> , 2016, 7, 866-877.	11.0	44
25	Structures of the four Ig-like domain LILRB2 and the four-domain LILRB1 and HLA-G1 complex. <i>Cellular and Molecular Immunology</i> , 2020, 17, 966-975.	10.5	38
26	ACVR1, a Therapeutic Target of Fibrodysplasia Ossificans Progressiva, Is Negatively Regulated by miR-148a. <i>International Journal of Molecular Sciences</i> , 2012, 13, 2063-2077.	4.1	36
27	Two classes of protective antibodies against Pseudorabies virus variant glycoprotein B: Implications for vaccine design. <i>PLoS Pathogens</i> , 2017, 13, e1006777.	4.7	34
28	Crystal Structure of the Marburg Virus Nucleoprotein Core Domain Chaperoned by a VP35 Peptide Reveals a Conserved Drug Target for Filovirus. <i>Journal of Virology</i> , 2017, 91, .	3.4	31
29	Avian-to-Human Receptor-Binding Adaptation of Avian H7N9 Influenza Virus Hemagglutinin. <i>Cell Reports</i> , 2019, 29, 2217-2228.e5.	6.4	27
30	Crystal Structure of African Swine Fever Virus dUTPase Reveals a Potential Drug Target. <i>MBio</i> , 2019, 10, .	4.1	24
31	Molecular basis of EphA2 recognition by gHgL from gammaherpesviruses. <i>Nature Communications</i> , 2020, 11, 5964.	12.8	22
32	Structural basis for the inhibition of the SARS-CoV-2 main protease by the anti-HCV drug nardaprevir. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 51.	17.1	20
33	Molecular basis of Coxsackievirus A10 entry using the two-in-one attachment and uncoating receptor KRM1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18711-18718.	7.1	18
34	Crystal structures of the two membrane-proximal Ig-like domains (D3D4) of LILRB1/B2: alternative models for their involvement in peptide-HLA binding. <i>Protein and Cell</i> , 2013, 4, 761-770.	11.0	14
35	Structure of the S1 subunit C-terminal domain from bat-derived coronavirus HKU5 spike protein. <i>Virology</i> , 2017, 507, 101-109.	2.4	13
36	Structures of Zika Virus E & NS1: Relations with Virus Infection and Host Immune Responses. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1062, 77-87.	1.6	13

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37	Target-Based Virtual Screening and LC/MS-Guided Isolation Procedure for Identifying Phloroglucinol-Terpenoid Inhibitors of SARS-CoV-2. <i>Journal of Natural Products</i> , 2022, 85, 327-336.	3.0	13
38	Genomic characterizations of H4 subtype avian influenza viruses from live poultry markets in Sichuan province of China, 2014â€“2015. <i>Science China Life Sciences</i> , 2018, 61, 1123-1126.	4.9	12
39	Structure-Based Modification of an Anti-neuraminidase Human Antibody Restores Protection Efficacy against the Drifted Influenza Virus. <i>MBio</i> , 2020, 11, .	4.1	12
40	Crystal structure of the C-terminal fragment of NS1 protein from yellow fever virus. <i>Science China Life Sciences</i> , 2017, 60, 1403-1406.	4.9	11
41	Zika Virus Envelope Protein and Antibody Complexes. <i>Sub-Cellular Biochemistry</i> , 2018, 88, 147-168.	2.4	10
42	The antigenicity of SARS-CoV-2 Delta variants aggregated 10 high-frequency mutations in RBD has not changed sufficiently to replace the current vaccine strain. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 18.	17.1	9
43	Structural basis of malarial parasite RIFIN-mediated immune escape against LAIR1. <i>Cell Reports</i> , 2021, 36, 109600.	6.4	7
44	Molecular basis of differential receptor usage for naturally occurring CD55-binding and -nonbinding coxsackievirus B3 strains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	2
45	Reply to â€œNuclear Export Signal and Immunodominant CD8+T Cell Epitope in Influenza A Virus Matrix Protein 1â€• <i>Journal of Virology</i> , 2012, 86, 10259-10260.	3.4	1